

Title (en)
ENGINE GENERATOR

Title (de)
MOTORGENERATOR

Title (fr)
GÉNÉRATRICE À MOTEUR

Publication
EP 2341226 A4 20140806 (EN)

Application
EP 09823590 A 20091027

Priority
• JP 2009068430 W 20091027
• JP 2008277335 A 20081028

Abstract (en)
[origin: EP2341226A1] An engine generator is provided having an improved cooling effect realized by cooling air while ensuring a compact arrangement of components in a housing. The engine generator includes an engine 2, a generator 3, an inverter 4, a control device, a fuel tank 7, an air cleaner 16, a muffler 18, a radiator 6, and a housing 5 accommodating the foregoing components. The engine generator includes cooling air inlets 12 and 11 and a cooling air outlet 14 on sides of the housing 5 with a cooling air passage disposed between the inlets and outlet. The generator 3, the inverter 4, and the air cleaner 16 are disposed further upstream than the engine 2 along a cooling air passage. The fuel tank 7, the radiator 6, and the muffler 18 are disposed further downstream than the engine 2 along the cooling air passage. Ambient air is incorporated as cooling air into the housing 5 through the cooling air inlets 12 and 11, allowed to flow from an upstream toward a downstream of the cooling air passage, and discharged to outside the housing 5 through the cooling air outlet 14.

IPC 8 full level
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CPC (source: EP US)
F01P 1/06 (2013.01 - EP US); **F02B 63/04** (2013.01 - EP US); **F01P 3/20** (2013.01 - EP US); **F01P 2001/005** (2013.01 - EP US); **F01P 2050/30** (2013.01 - EP US); **F02B 63/044** (2013.01 - EP US)

Citation (search report)
• [XA] JP 7030901 Y2
• See references of WO 2010050480A1

Designated contracting state (EPC)
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